

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Roger Cecil Ferry TUCKER,)	Re: Information Disclosure
et al.)	Statement
)	
Serial No.: Not yet assigned)	
Filed: concurrently herewith)	
)	
Divisional of USSN 09/423,758)	
filed on February 16 2000)	Our Ref: B-3804PCTDIV
)	621061-1
)	
For: "AUDIO CODING SYSTEMS AND)	
METHODS")	Date: July 18, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the Applicant's duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the documents cited by the Examiner and/or submitted by the Applicant in connection with U.S. Serial No. 09/423,758 filed on February 16, 2000 (the parent of the Applicants' subject application) be considered by the Examiner before issuing the first Office Action on the merits.

For the Examiner's convenience, Form PTO-1449 (modified) is enclosed herewith listing the documents cited by the Examiner and/or submitted by the Applicant in connection with U.S. Serial No. 09/423,758.

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

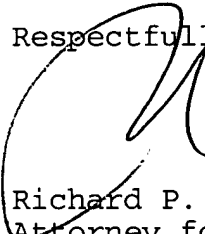
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If any fees are due, please charge our Deposit Account No. 12-0415 or credit any overpayment to our Account No. 12-0415. No fees should be due because this Information Disclosure Statement is being filed concurrently with the above-identified U.S. patent application.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

Respectfully submitted,



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Enclosures: Form PTO-1449 (modified) (2 pages)

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Form PTO-1449 (Modified)	ATTY DOCKET NO. B-3804PCTDIV 621061-1	U.S. SERIAL NO. not yet assigned
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANT(S) Roger Cecil Ferry TUCKER, et al.	
	FILING DATE concurrently herewith	GROUP not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB-CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	4,813,076	03/1989	Miller	704	203	
	5,001,758	03/1991	Galand, et al.	704	203	
	5,321,793	06/1994	De Iacovo, et al.	704	220	
	5,473,727	12/1995	Nishiguchi, et al.	704	222	
	5,579,434	11/1996	Kudo, et al.	704	219	
	5,632,002	05/1997	Hashimoto, et al.	704	231	
	5,797,120	08/1998	Ireton	704	226	
	5,852,806	12/1998	Johnston, et al.	379	445	
	5,878,388	03/1999	Nishiguchi, et al.	704	214	
	5,909,663	06/1999	Iijima, et al.	704	226	
	5,960,388	09/1999	Nishiguchi, et al.	704	208	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Kwong, S., et al., "A Speech Coding Algorithm Based On Predictive Coding," Proceedings. DCC '95 Data Compression Conference, Snowbird, Ut, IEEE Computer Soc. Press, March 1995, p. 455.
	Yang, G., et al., "Multiband Code-Excited Linear Prediction (Mbccelp) For Speech Coding," <i>Signal Processing</i> , Vol. 31, No. 2, March 1993, pp. 215-227. (In German)

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	McCree, A.V., et al., "A Mixed Excitation LPC Vocoder Model For Low Bit Rate Speech Coding," <i>IEEE Transactions on Speech and Audio Processing</i> , Vol. 3, No. 4, July 1995, pp. 242-250.
	Voiers, W.D., "Diagnostic Evaluation of Speech Intelligibility," <i>Diagnostic Evaluation Of Speech Intelligibility</i> (M.E. Hawley, cd.), Dowden Hutchinson & Ross, Inc., 1977, pp. 374-387.
	McElroy, C., et al., "Wideband Speech Coding In 7.2 kb/s," <i>ICASSP, IEEE</i> , 1993, pp. II-620-II-623.
	Roberts, R.A., et al., "Digital Signal Processing," Chapter 11, Addison-Wesley, p. 527.
	Varga, A., et al., "Control Experiments On Noise Compensation In Hidden Markov Model Based Continuous Word Recognition," <i>Eurospeech</i> , Vol. 89, pp. 167-170.
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	Xavier, Maitre, "7kHz Audio Coding Within 64 kbit/s", <i>IEEE Journal on Selected Areas in Communications</i> , Vol. 6, No. 2, February 1988, pp. 283-298.
	Ephraim, Y., et al., "A Signal Subspace Approach For Speech Enhancement," <i>IEEE Transactions on Speech and Audio Processing</i> , Vol. 3, No.4, July 1995, pp. 251-266.
	Yank, G., et al., "Band-Widened Harmonic Vocoder At 2 To 4 KBPS," <i>IEEE, ICASSP</i> , Vol. 1, May 1995, pp. 504-507
	Atkinson, I., et al., "High Quality Split Band LPC Vocoder Operating at Low Bit Rates," <i>IEEE</i> , Vol. 2, April 1997, pp. 1559-1562.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.